

**AMENDMENTS TO THE CLAIMS:**

Please add new claims 30-38, as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (Previously presented): A method of producing a polyurethane foam sheet, comprising the steps of applying a liquid mixture, obtained by mixing together a heated and melted hot melt urethane prepolymer (A), with a number average molecular weight within a range of from 1,000 to 10,000 and containing isocyanate groups at molecular terminals, and a diol (B), onto a substrate in a sheet-like manner, and water foaming said liquid mixture by bringing said sheet-like liquid mixture into contact with water vapor wherein

a ratio of a weight equivalence of active hydrogen atom-containing groups within said diol (B), relative to a weight equivalence of isocyanate groups within said hot melt urethane prepolymer (A) [isocyanate group equivalence / active hydrogen atom-containing group equivalence], is within a range from 1.5 to 20.0.

Claim 2 (Previously presented): A method of producing a polyurethane foam sheet, comprising the steps of introducing a liquid mixture, obtained by mixing together a heated and melted hot melt urethane prepolymer (A), with a number average molecular weight within a range from 1,000 to 10,000 and containing isocyanate groups at molecular terminals, and a diol (B), into

a space between a first releasable substrate and a second releasable substrate to form a sheet-like product in a continuous manner, and water foaming said sheet-like product sandwiched between said first releasable substrate and said second releasable substrate by bringing either one surface or both surfaces of said releasable substrates into contact with water vapor, wherein

a ratio of a weight equivalence of active hydrogen atom-containing groups within said diol (B), relative to a weight equivalence of isocyanate groups within said hot melt urethane prepolymer (A) [isocyanate group equivalence / active hydrogen atom-containing group equivalence], is within a range from 1.5 to 20.0.

Claim 3 (Previously presented): A method of producing a polyurethane foam sheet, comprising the steps of introducing a liquid mixture, obtained by mixing together a heated and melted hot melt urethane prepolymer (A), with a number of average molecular weight within a range from 1,000 to 10,000 and containing isocyanate groups at molecular terminals, and a diol (B), into a space between a first releasable substrate and a second releasable substrate to form a sheet-like product in a continuous manner, removing one of said first releasable substrate and said second releasable substrate, and water foaming said sheet-like product by bringing said sheet-like product into direct contact with water vapor, wherein

a ratio of a weight equivalence of active hydrogen atom-containing groups within said diol

U.S. Patent Application Serial No. 10/540,027  
Amendment filed October 14, 2008  
Reply to OA dated July 18, 2008

(B), relative to a weight equivalence of isocyanate groups within said hot melt urethane prepolymer (A) [isocyanate group equivalence / active hydrogen atom-containing group equivalence], is within a range from 1.5 to 20.0.

Claim 4 (Previously presented): A method of producing a polyurethane foam sheet according to claim 1, wherein said liquid mixture is produced by mixing together said heated and melted hot melt urethane prepolymer (A), said diol (B), and a urethanization catalyst (C).

Claim 5 (Previously presented): A method of producing a polyurethane foam sheet according to claim 1, wherein said hot melt urethane prepolymer (A) is a hot melt urethane prepolymer (a-2) that also contains hydrolysable alkoxysilyl groups.

Claim 6 (Previously presented): A method of producing a polyurethane foam sheet according to claim 1, wherein an isocyanate group content within said hot melt urethane prepolymer (A) is within a range from 0.5 to 10.0% by weight.

Claim 7 (Previously presented): A method of producing a polyurethane foam sheet according to claim 1, wherein said hot melt urethane prepolymer (A) has a melt viscosity, measured at 125°C using a cone-plate viscometer, within a range from 100 to 100,000 mPa·s.

Claim 8 (Previously presented): A method of producing a laminated sheet, comprising the steps of applying a liquid mixture, obtained by mixing together a heated and melted hot melt urethane prepolymer (A), with a number average molecular weight within a range from 1,000 to 10,000 and containing isocyanate groups at molecular terminals, and a diol (B), onto a substrate in a sheet-like manner, water foaming said liquid mixture by bringing said sheet-like liquid mixture into contact with water vapor to form a polyurethane foam sheet, and bonding a third substrate onto said polyurethane foam sheet, wherein

a ratio of a weight equivalence of active hydrogen atom-containing groups within said diol (B), relative to a weight equivalence of isocyanate groups within said hot melt urethane prepolymer (A) [isocyanate group equivalence / active hydrogen atom-containing group equivalence], is within a range from 1.5 to 20.0.

Claim 9 (Previously presented): A method of producing a laminated sheet, comprising the steps of applying a liquid mixture, obtained by mixing together a heated and melted hot melt urethane prepolymer (A), with a number average molecular weight within a range from 1,000 to 10,000 and containing isocyanate groups at molecular terminals, and a diol (B), onto a substrate in a sheet-like manner, bonding a third substrate onto said sheet-like liquid mixture to form a laminate, and water foaming said liquid mixture by bringing said laminate into contact with water vapor, wherein

a ratio of a weight equivalence of active hydrogen atom-containing groups within said diol

(B), relative to a weight equivalence of isocyanate groups within said hot melt urethane prepolymer (A) [isocyanate group equivalence / active hydrogen atom-containing group equivalence], is within a range from 1.5 to 20.0.

Claim 10 (Previously presented): A method of producing a laminated sheet, comprising the steps of applying a liquid mixture, obtained by mixing together a heated and melted hot melt urethane prepolymer (A), with a number average molecular weight within a range from 1,000 to 10,000 and containing isocyanate groups at molecular terminals, and a diol (B), into a space between a first resealable substrate and a second releasable substrate to form a sheet-like product in a continuous manner, removing one of said first releasable substrate and said second releasable substrate, water foaming said sheet-like product by bringing an exposed surface of said sheet-like product, and/or a remaining first or second releasable substrate, into contact with water vapor to form a polyurethane foam sheet, and bonding a third substrate to said exposed surface of said polyurethane foam sheet from which said first or second releasable substrate has been removed, wherein

a ratio of a weight equivalence of active hydrogen atom-containing groups within said diol (B), relative to a weight equivalence of isocyanate groups within said hot melt urethane prepolymer (A) [isocyanate group equivalence / active hydrogen atom-containing group equivalence], is within a range from 1.5 to 20.0.

U.S. Patent Application Serial No. 10/540,027

Amendment filed October 14, 2008

Reply to OA dated July 18, 2008

Claim 11 (Previously presented): A method of producing a laminated sheet according to claim 8, wherein said liquid mixture is produced by mixing together said heated and melted hot melt urethane prepolymer (A), said diol (B), and a urethanization catalyst (C).

Claim 12 (Previously presented): A method of producing a laminated sheet according to claim 8, wherein said hot melt urethane prepolymer (A) is a hot melt urethane prepolymer (a-2) that also contains hydrolysable alkoxysilyl groups.

Claim 13 (Previously presented): A method of producing a laminated sheet according to claim 8, wherein an isocyanate group content within said hot melt urethane prepolymer (A) is within a range from 0.5 to 10% by weight.

Claims 14-15 (canceled).

Claim 16 (Previously presented): A method of producing a laminated sheet according to claim 9, wherein said liquid mixture is produced by mixing together said heated and melted hot melt urethane prepolymer (A), said diol (B), and a urethanization catalyst (C).

U.S. Patent Application Serial No. 10/540,027

Amendment filed October 14, 2008

Reply to OA dated July 18, 2008

Claim 17 (Previously presented): A method of producing a laminated sheet according to claim 9, wherein said hot melt urethane prepolymer (A) is a hot melt urethane prepolymer (a-2) that also contains hydrolysable alkoxysilyl groups.

Claim 18 (Previously presented): A method of producing a laminated sheet according to claim 9, wherein groups an isocyanate group content within said hot melt urethane prepolymer (A) is within a range from 0.5 to 10% by weight.

Claim 19 (Previously presented): A method of producing a laminated sheet according to claim 10, wherein said liquid mixture is produced by mixing together said heated and melted hot melt urethane prepolymer (A), said diol (B), and a urethanization catalyst (C).

Claim 20 (Previously presented): A method of producing a laminated sheet according to claim 10, wherein said hot melt urethane prepolymer (A) is a hot melt urethane prepolymer (a-2) that also contains hydrolysable alkoxysilyl groups.

Claim 21 (Previously presented): A method of producing a laminated sheet according to claim 10, wherein groups an isocyanate group content within said hot melt urethane prepolymer (A) is within a range from 0.5 to 10% by weight.

Claim 22 (Previously presented): A method of producing a polyurethane foam sheet according to claim 2, wherein said liquid mixture is produced by mixing together said heated and melted hot melt urethane prepolymer (A), said diol (B), and a urethanization catalyst (C).

Claim 23 (Previously presented): A method of producing a polyurethane foam sheet according to claim 2, wherein said hot melt urethane prepolymer (A) is a hot melt urethane prepolymer (a-2) that also contains hydrolysable alkoxysilyl groups.

Claim 24 (Previously presented): A method of producing a polyurethane foam sheet according to claim 2, wherein an isocyanate group content within said hot melt urethane prepolymer (A) is within a range from 0.5 to 10.0% by weight.

Claim 25 (Previously presented): A method of producing a polyurethane foam sheet according to claim 2, wherein said hot melt urethane prepolymer (A) has a melt viscosity, measured at 125°C using a cone-plate viscometer, within a range from 100 to 100,000 mPa·s.

Claim 26 (Previously presented): A method of producing a polyurethane foam sheet according to claim 3, wherein said liquid mixture is produced by mixing together said heated and melted hot melt urethane prepolymer (A), said diol (B), and a urethanization catalyst (C).



U.S. Patent Application Serial No. 10/540,027

Amendment filed October 14, 2008

Reply to OA dated July 18, 2008

Claim 27 (Previously presented): A method of producing a polyurethane foam sheet according to claim 3, wherein said hot melt urethane prepolymer (A) is a hot melt urethane prepolymer (a-2) that also contains hydrolysable alkoxysilyl groups.

Claim 28 (Previously presented): A method of producing a polyurethane foam sheet according to claim 3, wherein an isocyanate group content within said hot melt urethane prepolymer (A) is within a range from 0.5 to 10.0% by weight.

Claim 29 (Previously presented): A method of producing a polyurethane foam sheet according to claim 3, wherein said hot melt urethane prepolymer (A) has a melt viscosity, measured at 125°C using a cone-plate viscometer, within a range from 100 to 100,000 mPa·s.

Claim 30 (New): The method of producing a polyurethane foam sheet according to claim 1, wherein the foaming degree of the polyurethane foam sheet is within the range of 1.5 to 3.0.

Claim 31 (New): The method of producing a polyurethane foam sheet according to claim 2, wherein the foaming degree of the polyurethane foam sheet is within the range of 1.5 to 3.0.

U.S. Patent Application Serial No. 10/540,027  
Amendment filed October 14, 2008  
Reply to OA dated July 18, 2008

Claim 32 (New): The method of producing a polyurethane foam sheet according to claim 3, wherein the foaming degree of the polyurethane foam sheet is within the range of 1.5 to 3.0.

Claim 33 (New): The method of producing a polyurethane foam sheet according to claim 8, wherein the foaming degree of the polyurethane foam sheet is within the range of 1.5 to 3.0.

Claim 34 (New): The method of producing a polyurethane foam sheet according to claim 9, wherein the foaming degree of the polyurethane foam sheet is within the range of 1.5 to 3.0.

Claim 35 (New): The method of producing a polyurethane foam sheet according to claim 10, wherein the foaming degree of the polyurethane foam sheet is within the range of 1.5 to 3.0.

Claim 36 (New): The method of producing a laminated sheet according to claim 8, wherein the laminated sheet is used as a synthetic leather.

Claim 37 (New): The method of producing a laminated sheet according to claim 9, wherein the laminated sheet is used as a synthetic leather.

Claim 38 (New): The method of producing a laminated sheet according to claim 10, wherein the laminated sheet is used as a synthetic leather.